

**ABSTRACT**

A system for acoustical performance enhancement, where combinations of component solutions are tested or modeled and given performance ratings. A builder desiring an sound control upgrade forwards project information, such as building plans and the desired performance level, to a design department. The project information is reviewed and a combination of component solutions is determined to increase the performance level of the home to the desired level. The project information is then modified according to the selected combination and presented to the builder. Because the combination of component solutions has been tested and addresses all possible acoustical weak links in the project, confidence of obtaining the final desired performance level in the project is high.

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